Contents of Volume 57 (2001)

Volume 57 No. 1 July 2001

PETER BANTAY / Orbifoldization, Covering Surfaces and Uniformization Theory 1–5

FLORIAN GIRELLI / Left-Right Symmetric Models in Noncommutative Geometries? 7–17

HU HESHENG (H. S. HU) / Laplace Sequences of Surfaces in Projective Space and Two-Dimensional Toda Equations 19–32

M. HASSAÏNE and P. A. HORVÁTHY / Relativistic Chaplygin Gas with Field-Dependent Poincaré Symmetry 33–40

GIUSEPPE GAETA / Algorithmic Reduction of Poincaré–Dulac Normal Forms and Lie Algebraic Structure 41–60

C. DUVAL and V. OVSIENKO / Projectively Equivariant Quantization and Symbol Calculus: Noncommutative Hypergeometric Functions 61–67

MARIA CRISTINA ABBATI, ALESSANDRO MANIÀ and EDOARDO PROVENZI / Inductive Construction of the Loop Transform for Abelian Gauge Theories 69–81

Volume 57 No. 2 August 2001

DENIS KRUTIKOV / On an Essential Spectrum of the Random p-Adic Schrödinger-type Operator in the Anderson Model 83–86

P. EXNER / Bound States of Infinite Curved Polymer Chains 87–96

A. BASSETTO, S. NICOLI and F. VIAN / Topological Contributions in Two-Dimensional Yang–Mills Theory: From Group Averages to Integration over Algebras 97–106

MIGUEL C. MUÑOZ-LECANDA, NARCISO ROMÁN-ROY and F. JAVIER YÁNIZ-FERNÁNDEZ / Time-Dependent Lagrangians Invariant by a Vector Field 107–121

R. D'AURIA, S. FERRARA and M. A. LLEDÓ / On the Embedding of Spacetime Symmetries into Simple Superalgebras 123–133

ALEXANDER V. KARABEGOV and MARTIN SCHLICHENMAIER / Almost-Kähler Deformation Quantization 135–148

P. BAGUIS and M. CAHEN / A Construction of Symplectic Connections Through Reduction 149–160

MONICA MUSSO / New Nonlinear Equations with Soliton-Like Solutions 161–173

L. K. HOEVENAARS and R. MARTINI / Generalized WDVV Equations for B_r and C_r Pure $N = 2$ Super-Yang–Mills Theory 175–183

Volume 57 No. 3 September 2001

OGNYAN S. STOYANOV / Poisson–Lie Diffeomorphism Groups 185–223

MARCO MERKLI / Positive Commutator Method in Nonequilibrium Statistical Mechanics 225–237

P. M. SOŁTAN and S. L. WORONOWICZ / A Remark on Manageable Multiplicative Unitaries 239–252

MARCELO CARVALHO / The $d = [\delta, b]$ Decomposition of Topological Yang–Mills Theory 253–268

KAZUHIRO YAMAMOTO / On a Mathematical Definition of a Renormalization Transformation for Lattice Gauge Theories 269–281